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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 1 of 10

Complete if Known

Application Number	10/051,612
Filing Date	January 16, 2002
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2676
Examiner Name	CASCHERA, Antônio A
Attorney Docket Number	CLRV-003

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AC		US- 4,439,759	03-27-1984	Fleming	—
AC		US- 5,010,413	04-23-1991	Bahr	—
AC		US- 5,062,057	10-29-1991	Blacken et al	—
AC		US- 5,189,404	02-23-1993	Masimo et al	—
AC		US- 5,196,924	03-23-1993	Lumelsky et al	—
AC		US- 5,416,890	05-16-1995	Beretta	—
AC		US- 5,438,649	08-01-1995	Ruetz	—
AC		US- 5,448,652	09-05-1995	Vaidyanathan et al	—
AC		US- 5,450,216	09-12-1995	Kasson	—
AC		US- 5,477,240	12-19-1995	Huebner et al	—
AC		US- 5,485,293	01-16-1996	Robinder	—
AC		US- 5,646,702	07-08-1997	Akinwande et al	—
AC		US- 5,719,639	02-17-1998	Imamura	—
AC		US- 5,724,442	03-03-1998	Ogatsu et al	—
AC		US- 5,731,818	05-24-1998	Wan et al	—
AC		US- 5,739,802	04-14-1998	Mosier	—
AC		US- 5,917,556	06-29-1999	Katayama	—
AC		US- 5,933,253	08-03-1999	Ito et al	—
AC		US- 6,054,832	04-25-2000	Kunzman et al	—

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
AC		JP 2004004822	08-01-2004	Ko et al	Fully English	✓
AC		WO 2004/021323 A2	03-11-2004	Rho et al	—	
AC		WO 2004/027503 A1	04-01-2004	Roh et al	—	
AC		WO 2004/086128 A1	10-07-2004	Kim et al	—	
AC		WO 2005/050296 A1	06-02-2005	Yang et al	—	
AC		WO 00/65432 A2	11-02-2000	Thielmans et al	—	

Examiner Signature	<i>At C</i>	Date Considered	11/21/05
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Sheet 2 of 10

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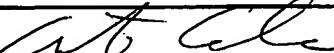
Application Number	10/051,612
Filing Date	January 16, 2002
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2676
Examiner Name	CASCHERA, Antonio A
Attorney Docket Number	CLRV-003

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		Number-Kind Code ² (if known)			
AC		US- 6,069,670	05-30-2000	Borer	_____
AC		US- 6,108,053	08-22-2000	Pettitt et al	_____
AC		US- 6,151,001	11-21-2000	Anderson et al	_____
AC		US- 6,262,710 B1	07-17-2001	Smith	_____
AC		US- 6,278,434 B1	08-21-2001	Hill et al	_____
AC		US- 6,297,826 B1	10-02-2001	Semba et al	_____
AC		US- 6,326,981 B1	12-04-2001	Mori et al	_____
AC		US- 6,348,929 B1	02-19-2002	Acharya et al	_____
AC		US- 6,360,008 B1	03-19-2002	Suzuki et al	_____
AC		US- 6,396,505 B1	05-28-2002	Lui et al	_____
AC		US- 6,414,719 B1	07-02-2002	Parikh	_____
AC		US- 6,483,518 B1	11-19-2002	Perry et al	_____
AC		US- 6,538,742 B1	05-25-2003	Ohsawa	_____
AC		US- 6,570,584 B1	05-27-2003	Cok et al	_____
AC		US- 6,600,495 B1	07-29-2003	Boland et al	_____
AC		US- 6,624,828 B1	09-23-2003	Dresevic et al	_____
AC		US- 6,661,429 B1	12-09-2003	Phan	_____
AC		US- 6,674,436 B1	01-06-2004	Dresevic et al	_____
AC		US- 6,681,053 B1	01-20-2004	Zhu	_____

FOREIGN PATENT DOCUMENTS

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AC		WO 00/67196 A1	11-09-2000	Lui et al	_____	
AC		WO 2004/040548	05-13-2004	Ben-Chorin et al	_____	
AC		EP 0 793 214 A1	09-03-1997	Gove et al	_____	
AC		EP 1 083 539 A2	03-14-2001	Masuji et al	_____	
AC		DE 201 09 354 U1	09-13-2001	Giantplus Technology Co.,	_____	
AC		DE 299 09 537 U1	10-14-1999	Phan	_____	

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Sheet 3

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Filing Date	January 16, 2002
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2676
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Attorney Docket Number	CLRV-003

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
AC	US- 6,738,526 B1		05-18-2001	Betrisey et al	—
AC	US- 6,801,220 B1		10-05-2004	Greier et al	—
AC	US- 6,833,890 B2		12-21-2004	Hong et al	—
AC	US- 6,850,294 B2		02-01-2005	Roh et al	—
AC	US- 6,888,604 B2		05-03-2005	Rho et al	—
AC	US- 6,714,206 B1		03-30-2004	Martin et al	—
AC	US- 6,836,300 B2		12-28-2004	Choo et al	—
AC	US- 6,867,549 B2		03-15-2005	Cok et al	—
AC	US- 6,885,380 B1		04-26-2005	Primerano et al	—
AC	US- 6,897,876 B2		05-24-2005	Murdoch et al	—
AC	US- 6,903,378 B2		06-07-2005	Cok	—
AC	US- 4,737,843		04-12-1988	Spencer	—
AC	US- 4,946,259		08-07-1990	Matino et al	—
AC	US- 5,642,176		06-24-1997	Abukawa et al	—
AC	US- 5,880,707		03-09-1999	Aratani	—
AC	US- 5,899,550		05-04-1999	Masaki	—
AC	US- 5,903,366		05-11-1999	Hirabayashi et al	—
AC	US- 5,929,843		06-27-1999	Tanioka	—
AC	US- 6,714,243 B1		03-30-2004	Mathur et al	—

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
AC	JP 2001203919		07-27-2001	Hayakawa	Abstract only	✓
AC	WO 97/23860		07-03-1997	Odmark	—	
AC	EP 0 322 106 A2		06-28-1989	Gibbons	—	
AC	JP 60-107022		06-12-1985	Hamada	Abstract only	✓
AC	JP 03-036239		05-30-1991		—	
AC	JP 03-78390		11-29-1999	Ishitani	Fully English	✓

Examiner Signature

Ant. Cela

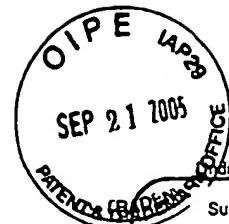
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Application Number	10/051,612
Filing Date	January 16, 2002
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2676
Examiner Name	CASCHERA, Antonio A
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AC		US- 6,781,626 B1	08-24-2004	Wang	
AC		US- 2004/0021804 A1	02-05-2004	Hong et al	
AC		US- 2004/0085495 A1	05-06-2004	Roh et al	
AC		US- 2004/0095521 A1	05-20-2004	Song et al	
AC		US- 2004/0114046 A1	06-17-2004	Lee et al	
AC		US- 2004/0169807 A1	09-02-2004	Rho et al	
AC		US- 2004/0179160 A1	09-16-2004	Rhee et al	
AC		US- 2004/0239837 A1	12-02-2004	Hong et al	
AC		US- 2005/0068477 A1	03-31-2005	Shin et al	
AC		US- 2005/0083356 A1	04-21-2005	Roh et al	
AC		US- 2004/0108818 A1	06-10-2004	Cok et al	
AC		US- 2004/0155895 A1	08-12-2004	Lai	
AC		US- 2004/0189662 A1	09-30-2004	Frisken et al	
AC		US- 2004/0189664 A1	09-30-2004	Frisken et al	
AC		US- 2004/0239813 A1	12-02-2004	Klompenhouwer	
AC		US- 2004/0263528 A1	12-30-2004	Murdoch et al	
AC		US- 2005/0007539 A1	01-13-2005	Taguchi et al	
AC		US- 2005/0024380 A1	02-03-2005	Lin et al	
AC		US- 2005/0040760 A1	02-24-2005	Taguchi et al	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
AC		WO 01/29817 A1	04-26-2001	Ghuloum et al	
AC		WO 00/42564	07-20-2000	Platt et al	
AC		EP 0 671 650 A2	09-13-1995	Silverbrook	
AC		EP 0 878 969 A3	11-18-1998	Matsuda et al	
AC		DE 199 23 527 A1	11-22-2000	Bohlendorf	Fully English <input checked="" type="checkbox"/>

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AC		US- 2005/0099426 A1	05-12-2005	Promerano et al	
AC		US- 2005/0140634 A1	06-30-2005	Takatori	
AC		US- 2002/0191130 A1	12-19-2002	Liang et al	
AC		US- 2004/0095521 A1	05-20-2004	Song et al	
AC		US- 2004/0169807 A1	09-02-2004	Rho et al	
AC		US- 2004/0179160 A1	09-16-2004	Rhee et al	
AC		US- 2001/0048764 A1	12-06-2001	Betrisey et al	
AC		US- 2002/0149598 A1	10-17-2002	Greier et al	
AC		US- 2002/0093476 A1	07-18-2002	Hill et al	
AC		US- 2003/0011603 A1	01-16-2003	Koyama et al	
AC		US- 2003/0218618 A1	11-27-2003	Phan	
AC		US- 2004/0008208 A1	01-15-2004	Dresvic et al	
AC		US- 2005/0031199 A1	02-10-2005	Ben-Chorin et al	
AC		US- 2005/0094871 A1	05-05-2005	Berns et al	
AC		US- 2005/0162600 A1	07-28-2005	Rho et al	
AC		US- 2005/0169551 A1	08-04-2005	Messing et al	
AC		US- 2003/0071943 A1	04-17-2003	Choo	
AC		US- 2003/0071826 A1	04-17-2003	Goertzen	
AC		US- 2002/0012071 A1	01-31-2002	Sun	

FOREIGN PATENT DOCUMENTS

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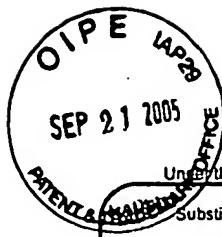
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AC		US- 2003/0011613 A1	01-16-2003	Booth	—
AC		US- 2002/0140831 A1	10-03-2002	Hayashi	—
AC		US- 2003/0043567 A1	03-06-2003	Hoelen	—
AC		US- 2001/0017515 A1	08-30-2001	Kusunoki	—
AC		US- 2001/0040645 A1	11-15-2001	Yamazaki	—
AC		US- 2002/0017645 A1	02-14-2002	Yamazaki	—
AC		US- 2002/0015110 A1	02-07-2002	Brown Elliott	—
AC		US- 2002/0122160 A1	09-05-2002	Kunzman	—
		US-			

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Ant. Caschera

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				Complete if Known	
				Application Number	10/051,612
				Filing Date	January 16, 2002
				First Named Inventor	BROWN ELLIOTT, Candice Hellen
				Art Unit	2676
				Examiner Name	CASCHERA, Antonio A
Sheet	7	of	10	Attorney Docket Number	CLRV-003

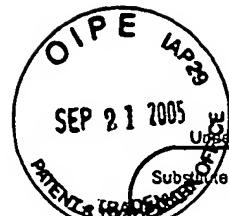
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AC		Brown Elliott, C, "Co-Optimization of Color AMLCD Subpixel Architecture and Rendering Algorithms," SID 2002 Proceedings Paper, May 30,2002	
AC		Brown Elliott, C, " Development of the PenTile Matrix™ Color AMLCD Subpixel Architecture and Rendering Algorithms", SID 2003, Journal Article	
AC		Brown Elliott, C, "New Pixel Layout for PenTile Matrix™ Architecture", IDMC 2002	
AC		Brown Elliott, C, "Reducing Pixel Count Without Reducing Image Quality", Information Display 12/99	
AC		Krantz, John et al., Color Matrix Display Image Quality: The Effects of Luminance...SID 90 Digest	
AC		Messing, Dean et al., Improved Display Resolution of Subsampled Colour Images Using Subpixel Addressing, IEEE ICIP 2002	
AC		Messing, Dean et al., Subpixel Rendering on Non-Striped Colour Matrix Displays, 2003 International Conf on Image Processing, 9/2003, Barcelona, Spain	
AC		Feigenblatt, Ron, "Remarks on Microsoft ClearType™", http://www.geocities.com/SiliconValley/Ridge/6664/ClearType.html , Dec 5 1998, Dec 7 1998, Dec 12 1999, Dec 26 1999, Dec 30	
AC		Wandell, Brian A., Stanford University, "Fundamentals of Vision: Behavior...", Jun 12, 1994, Society for Information Display (SID) Short Course S-2, Fairmont Hotel, San Jose,	
AC		Martin, R., et al., "Detectability of Reduced Blue-Pixel Count in Projection Displays," SID Symp. Digest, 5/1993, pp 606-609	

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Application Number	10/051,612
Filing Date	January 16, 2002
First Named Inventor	BROWN ELLIOTT
Art Unit	2676
Examiner Name	CASCHERA, Antonio A
Attorney Docket Number	CLRV-003

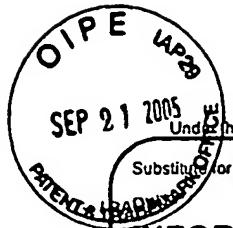
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AC.		Brown Elliott; C., "Active Matrix Display....", IDMC 2000, 185-189, 8/2000.		
AC.		Okumura et al., "A New Flicker-Reduction Drive Method for High Resolution LCTVs", SID Digest, pp 551-554, 2001		
AC.		Lee, Baek-woon et al., "40.5L: Late-News Paper: TFT-LCD with RGBW Color system, SID 03 Digest, 2003, pp1212-1215		
AC.		Adobe Systems, Inc. website, http://www.adobe.com/products/acrobat/cooltype.html		
AC.		Betrisey, C., et al., "Displaced Filtering for Patterned Displays, SID Symp. Digest, 296-299, 1999		
AC.		Carvajal, D., "Big Publishers Looking Into Digital Books," The NY Times, 4/3/2000, Business/ Financial Desk		
AC.		Gibson, S., "Sub-Pixel Rendering; How It works," Gibson Research Corp., http://www.grc.com/ctwhat.htm		
AC.		Microsoft Corp. website, http://www.microsoft.com/typography/cleartype , 7 pages		
AC.		Microsoft press release, "Microsoft Research Announces Screen Display Breakthrough at COMDEX/Fall '98; ...15 Nov. 1998		
AC.		Murch, M., "Visual Perception Basics," SID Seminar, 1987, Tektronix Inc, Beaverton Oregon		

Examiner Signature	<i>Ant. A.</i>	Date Considered	11/21/05
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Sheet

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Art Unit	2676
Examiner Name	CASCHERA, Antonio A
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AC.		"ClearType magnified", Wired Magazine, 11/8/99, Microsoft Typography, article posted 11/8/99, last updated 1/27/99 1 page	—
AC.		Credelle, Thomas, "P-00: MTF of High-Resolution PenTile Matrix Displays", Eurodisplay 02 Digest, 2002 Pages 1-4	—
AC.		Daly, Scott, "Analysis of Subtriad Addressing Algorithms by Visual System Models", SID Symp. Digest, June 2001 Pages 1200-1203	—
AC.		Brown Elliott, C., "Color Subpixel Rendering Projectors and Flat Panel Displays," SMPTE, Feb 27-Mar 1, 2003, Seattle, WA pp 1-4	—
AC.		Feigenblatt, R.I., "Full-color imaging on amplitude-quantized color mosaic displays, SPIE, 1989, pp 199-204	—
AC.		Johnston, Stuart, "An Easy Read: Microsoft's ClearType," InformationWeek Online, Redmond WA, 11/23/98. 3 pages	—
AC.		Johnston, Stuart, "Clarifying ClearType," InformationWeek Online, Redmond WA, 01/04/99, 4 pages	—
AC.		"Just Outta Beta, Wired Magazine, 12/99 Issue 7-12, 3 pages	—
AC.		Klompenhouwer, Michiel, "Subpixel Image Scaling for Color Matrix Displays, SID Symp. Digest, 05/02, pp 176-179	—
AC.		Markoff, John, "Microsoft's Cleartype Sets Off Debate on Originality, NY Times, 12/7/98, 5 pages	—

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/051,612
		Filing Date	January 16, 2002
		First Named Inventor	BROWN ELLIOTT
		Art Unit	2676
		Examiner Name	CASCHERA, Antonio A
Sheet	10	of	10
		Attorney Docket Number	CLRV-003

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Ac		"Microsoft ClearType," website, 03/26/03, 4 pages	—
AZ		Platt, John, "Optimal Filtering for Patterned Displays, IEEE Signal Processing Letters, 2000, 4 pages	—
Ac		Poor, Alfred, "LCDs: The 800-pound Gorilla," Information Display, Sep 2002, pp 18-21	—
Ac		Werner, Ken, "OLEDS, OLEDS, Everywhere...," Information Display, Sep 2002, pp 12-15	()

Examiner Signature	<i>At Cle</i>	Date Considered	<i>1/21/05</i>
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